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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/564,895
	Filing Date	Jan 17, 2006
	First Named Inventor	Lee, Wook
	Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	50243

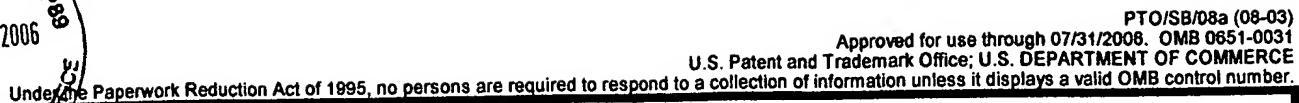
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of

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Attorney Docket Number

50243

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-6,002,642	12-14-1999	Krebs	
		US-5,444,819	08-12-1995	Hoskins, et al	
		US-6,502,037 B1	12-31-2002	Jorgensen, et al	
		US-6,278,948 B1	08-21-2001	Jorgensen, et al	
		US-6,430,507 B1	08-06-2002	Jorgensen, et al	
		US-6,424,918 B1	07-23-2002	Jorgensen, et al	
		US-2003/0060981 A1	03-27-2003	Routh, et al	
		US-5,089,994	02-18-1992	Harlan, et al	
		US-5,229,940	07-20-1993	Wang, et al	
		US-5,583,825	12-10-1996	Carrazzone, et al	
		US-5,513,150	04-30-1996	Sicking, et al	
		US-H1529	05-07-1996	Schneider, Jr. et al	
		US-6,430,510 B1	08-06-2002	Thomas, et al	
		US-6,131,071	10-10-2000	Partyka, et al	
		US-5,966,672	10-12-1999	Knupp	
		US-2002/0055888 A1	05-09-2002	Dusevic, et al	
		US-4,992,996	02-12-1991	Wang, et al	
		US-6,289,285	09-11-2001	Neff, et al	
		US-6,311,133	10-30-2001	Kaukkm et al	
		US-6,418,380	07-09-2002	Pica	
		US-6,480,790	11-12-2002	Calvert, et al	
		US-6,519,532	02-11-2003	Meng	
		US-6,253,157	06-26-2001	Krebs	
		US-6,253,157	06-26-2001	Krebs	
		US-6,493,634 B1	10-10-2002	Krebs, et al	
		US-6,002,642	12-14-1999	Krebs	
		US-5896,735	12-9-1997	Krebs	
		US-5,696,735	12-9-1997	Krebs	
		US-2002/0180732 A1	12-05-2002	Docherty	
		US-6,466,873	10-15-2002	Ren et al	
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number

Filing Date

1/17/2006

First Named Inventor

Lee

Art Unit

Examiner Name

Sheet

2

of

2

Attorney Docket Number

50243

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite, No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		WOOK B. LEE AND WENLONG XU, 3-D Geostistical Velocity Modeling: Salt Imaging in a Geopressured Environment, Reprinted from the January 2000 issue The Leading Edge	
		BROOKE J. CARNEY, Building Velocity Models for Steep-Dip Prestack Depth Migration through First Arrival Traveltime Tomography, November 2000, Blacksburg, VA	
		MICHAEL E. KENNEY AND WOOK B. LEE, Velocity Calibration for 3D Prestack Time Migration: A Prerequisite for Velocity Depth Modeling, SEG Expanded Abstract, October 2003	
		WOOK B. LEE, SEISLINK CORPORATION, Velocity Calibration and Trending-Fitting Procedures for Seismic Depth Imaging and Interpretation	

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